

Open Position

Mechanical Design Engineer

ANYbotics AG is an ETH Zurich spin-off developing new solutions for mobile robots. Optimized electric drive joints enable our quadruped robot to run, climb, and move in challenging terrain while state-of-the-art perception sensors provide the ability to autonomously navigate and inspect environments such as industrial sites, power plants, and subterranean systems.

We are looking for an experienced mechanical engineer to join our development team to design advanced electric drives, sensory payloads and walking robots.

You will be responsible for the mechanical development of components, assemblies and whole robotic systems spanning the entire product development cycle.

Your main tasks are to

- Conceive, design and implement technical solutions for our walking robot and joint actuators,
- Perform engineering calculations both by hand and FEA to prove design feasibility,
- Build and test prototypes, specialised equipment and final products,
- Work and negotiate with suppliers and manufacturers,
- Consult with the different development teams on specifications.

You have a Bachelor's or Master's degree in Mechanical Engineering (FH, ETH/University) and ideally a few years of industrial experience with the following skills:

- Proven practical knowledge in product development and its processes,
- Strong competence in 3D-CAD, ideally Siemens NX,
- Experience with FEA tools for static and dynamic structural analysis,
- Experience in design of components made of metal, plastics and fibre reinforced materials,
- Ideally knowledge in design of electric motor-gearbox combinations,
- Familiar with assembly processes and simple machining.

You are an engaged personality used to work proactively and with precision – on your own and in the team. You enjoy the research environment of ETH Zurich to broaden your horizon, to get to know new technologies and to expand your skills continuously. Your profile is complemented by a good knowledge of German and English.

We offer an attractive working place in the center of Zurich, a market level salary, and an immediate start. As part of our young, highly motivated and dynamic team you will shape the future of our innovative and securely financed startup.

We look forward to your application on info@anybotics.com.

